

California Weather-Hydro Conditions during November 2015

As of November 30, statewide hydrologic conditions were as follows: precipitation, 80 percent of average to date; runoff, 35 percent of average to date; and reservoir storage, 50 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through November 30, 2015 was about 0.6 million acre-feet (MAF), which is about 44 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through November 30, 2014 was about 0.8 MAF, or about 56 percent of average.

On November 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 4.9 inches, which is about 53 percent of the seasonal average to date and 10 percent of an average water year (50.0 inches). During November, the total precipitation for the 8-Stations was 3.7 inches, or about 59 percent of average for the month. Last year on November 30, the Water Year 2015 seasonal total for the 8-Stations was 7.6 inches, or about 82 percent of average.

On November 30, the San Joaquin 5-Station Precipitation Index Water Year total was 7.0 inches, which is about 103 percent of the seasonal average to date and 17 percent of an average water year (40.8 inches). During November, the total precipitation for the 5-Stations was 5.1 inches or about 109 percent of average for the month. Last year on November 30, the Water Year 2015 seasonal total for the 5-Stations was 3.3 inches, or about 49 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 11/30/2015					
Station	Oct 1 to Date 2015 - 2015	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30
Mount Shasta	1.83	24	6.55	85	4
Eureka	6.01	77	8.03	102	15
Redding	1.65	25	5.79	88	5
South Lake Tahoe	3.68	73	1.33	26	18
Sacramento Executive Airport	1.69	56	1.79	59	9
Santa Rosa (Sonoma Co AP)	1.38	21	2.17	32	4
San Francisco	1.43	33	2.27	53	6
Stockton	2.13	85	1.75	70	15
Yosemite	8.22	124	2.93	44	22
Monterey	4.06	144	2.88	102	25
Paso Robles	1.28	78	1.22	74	10
Fresno	2.23	131	0.90	53	19
Bakersfield	0.75	80	0.65	69	12
Death Valley	1.08	432	0.00	0	46
Los Angeles	0.46	27	0.45	26	3
Riverside	0.46	36	0.28	22	4
Palm Springs	0.13	13	0.07	7	2
San Diego	1.97	125	0.37	23	19

Key Reservoir Storage (1,000 AF) as of 11/30/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	478	1,587	30	2,448	20	---	1,970
Shasta Lake	Sacramento	1,329	2,705	49	4,552	29	-1,923	3,223
Lake Oroville	Feather	929	2,138	43	3,538	26	-2,234	2,609
New Bullards Bar Res	Yuba	344	529	65	966	36	-452	622
Folsom Lake	American	137	468	29	977	14	-440	840
New Melones Res	Stanislaus	267	1,355	20	2,400	11	-1,703	2,153
Don Pedro Res	Tuolumne	648	1,320	49	2,030	32	-1,042	1,382
Lake McClure	Merced	66	450	15	1,025	6	-608	959
Millerton Lake	San Joaquin	163	219	74	520	31	-273	357
Pine Flat Res	Kings	133	371	36	1,000	13	-547	867
Isabella	Kern	30	156	19	568	5	-140	538
San Luis Res	(Offstream)	396	1,225	32	2,041	19	---	1,643

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for December 2015, issued November 30, 2015, suggests equal chances of wet or dry conditions for all of California, except for the extreme northeastern region of the State.